

Muyiwa Michael Orosun

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

418
citations

933447

10
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of arsenic and its associated health risks due to mining activities in parts of North-central Nigeria: Probabilistic approach using Monte Carlo. <i>Journal of Hazardous Materials</i> , 2021, 412, 125262.	12.4	51
2	Experimental and computational modeling of the biological activity of benzaldehyde sulphur trioxide as a potential drug for the treatment of Alzheimer disease. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100532.	2.8	43
3	Monte Carlo approach to risks assessment of heavy metals at automobile spare part and recycling market in Ilorin, Nigeria. <i>Scientific Reports</i> , 2020, 10, 22084.	3.3	41
4	Natural radionuclides and radiological risk assessment of granite mining field in Asa, North-central Nigeria. <i>MethodsX</i> , 2019, 6, 2504-2514.	1.6	28
5	Radioactivity levels and transfer factor for granite mining field in Asa, North-central Nigeria. <i>Heliyon</i> , 2020, 6, e04240.	3.2	26
6	Magnetic susceptibility measurement and heavy metal pollution at an automobile station in Ilorin, North-Central Nigeria. <i>Environmental Research Communications</i> , 2020, 2, 015001.	2.3	23
7	Dataset on radioactivity measurement of Beryllium mining field in Ifelodun and gold mining field in Moro, Kwara State, North-central Nigeria. <i>Data in Brief</i> , 2020, 31, 105888.	1.0	20
8	Assessment of ambient gamma radiation dose and annual effective dose associated with radon in drinking water from gold and lead mining area of Moro, North-Central Nigeria. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 129-136.	1.5	20
9	An Overview of the Operational Principles, Light Harvesting and Trapping Technologies, and Recent Advances of the Dye Sensitized Solar Cells (Review). <i>Applied Solar Energy (English Translation of) Tj ETQq1 1 0.784R64 rgBT 10verloc</i>		
10	Environmental Risks Assessment of Kaolin Mines and Their Brick Products Using Monte Carlo Simulations. <i>Earth Systems and Environment</i> , 2022, 6, 157-174.	6.2	12
11	Assessment of heavy metal pollution in drinking water due to mining and smelting activities in Ajaokuta, Nigeria. <i>Nigerian Journal of Technological Development</i> , 2016, 13, 31.	0.6	10
12	Natural Radioactivity and Radiological Impact Assessment of Soil, Food and Water around Iron and Steel Smelting Area in Fashina Village, Ile-Ife, Osun State, Nigeria. <i>Journal of Applied Sciences and Environmental Management</i> , 2019, 23, 135.	0.1	10
13	Geophysical inversion of geologic structures of Oyo Metropolis, Southwestern Nigeria from airborne magnetic data. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2019, 5, 143-157.	2.9	10
14	Structural geometry of Ikogosi warm spring, southwestern Nigeria: evidence from aeromagnetic and remote sensing interpretation. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	2.9	10
15	New insights on the Ife-Ilesha schist belt using integrated satellite, aeromagnetic and radiometric data. <i>Scientific Reports</i> , 2021, 11, 15314.	3.3	9
16	Radiological Safety of Water from Hadejia River. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 173, 012036.	0.3	8
17	MEASUREMENTS OF SEASONAL VARIATIONS OF RADIOACTIVITY DISTRIBUTIONS IN RIVERINE SOIL SEDIMENT OF ADO-ODO OTA, SOUTH-WEST NIGERIA: PROBABILISTIC APPROACH USING MONTE CARLO. <i>Radiation Protection Dosimetry</i> , 2021, 193, 76-89.	0.8	8
18	Influence of Pan-African tectonics on older Precambrian basement structural fabrics as revealed from the interpretation of aeromagnetic and remote sensing data of Ikole/Kabba region, southwestern Nigeria. <i>Journal of African Earth Sciences</i> , 2021, 179, 104189.	2.0	7

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19	ASSESSMENT OF RADIOACTIVITY LEVELS AND TRANSFER FACTOR OF NATURAL RADIONUCLIDES AROUND IRON AND STEEL SMELTING COMPANY LOCATED IN FASHINA VILLAGE, ILE-IFE, OSUN STATE, NIGERIA. <i>Facta Universitatis Series Working and Living Environmental Protection</i> , 0, , 241.	0.0	7
20	Radiological impact of mining: new insight from cancer risk assessment of radon in water from Ifelodun beryllium mining, North-Central Nigeria using Monte Carlo simulation. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	7
21	A Monte Carlo simulation of unmitigated risk of radon exposure from soil and groundwater around Maiganga Coal Mine, North-Eastern Nigeria. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	7
22	Radiological Impacts of Natural Radioactivity in Locally Produced Tobacco Products in Ibadan, Oyo State, Nigeria. <i>Momona Ethiopian Journal of Science</i> , 2018, 10, 59.	0.3	6
23	Determination of Selected Heavy Metals and Human Health Risk Assessment in Fishes from Kiri Dam and River Gongola, Northeastern Nigeria. , 2017, 06, .		5
24	Existence of subsurface structures from aeromagnetic data interpretation of the crustal architecture around Ibi, Middle Benue, Nigeria. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	5
25	Radiological Hazard Assessment of Sharp-Sand from Ilorin-East, Kwara State, Nigeria. <i>Journal of Physics: Conference Series</i> , 2021, 1734, 012040.	0.4	5
26	Bound State Solutions of Klein-Gordon Equation with Manning-Rosen Plus a Class of Yukawa Potential Using Pekeris-Like Approximation of the Coulomb Term and Parametric Nikiforov-Uvarov. <i>International Journal of Chemical and Physical Sciences</i> , 2018, 7, 33.	0.2	4
27	Radiotoxicity risk assessments of ceramic tiles used in Nigeria: The Monte Carlo approach. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 17, 100618.	2.9	4
28	Neural Network Based Model of an Industrial Oil-Fired Boiler System. <i>Nigerian Journal of Technology</i> , 2014, 33, 293.	0.3	3
29	Background Radiation from ²³⁸ U, ²³² Th, and ⁴⁰ K in Bells Area and Canaan City, Ota, Nigeria. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2020, 8, 678-684.	0.2	3
30	Sustainable nano-sodium silicate and silver nitrate impregnated locally made ceramic filters for point-of-use water treatments in sub-Sahara African households. <i>Heliyon</i> , 2021, 7, e08470.	3.2	3
31	PCB DESIGN USING LOCAL TECHNOLOGY AND AutoCAD. <i>Journal of Physics: Conference Series</i> , 2019, 1299, 012063.	0.4	2
32	Analytic Spin and Pseudospin Solutions to the Dirac Equation for the Manning-Rosen Plus Eckart Potential and Yukawa-Like Tensor Interaction. <i>International Journal of Chemical and Physical Sciences</i> , 2018, 7, 38.	0.2	2
33	Geothermal Energy Potential of the Chad Basin, North-Eastern Nigeria. <i>Journal of Applied Sciences and Environmental Management</i> , 2019, 22, 1817.	0.1	1
34	Radiometric survey of natural radioactivity concentration and risk assessment on dwellers around Ijako active dumpsite in Ogun State. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 655, 012080.	0.3	1
35	Assessment of Natural Radionuclide Contents in Water and Sediments from Asa-Dam, Ilorin, Nigeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 655, 012090.	0.3	1
36	Depth Estimate and Mapping of source geometries from High Resolution Aeromagnetic (HRAM) data of Benisheikh, Nigeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 173, 012034.	0.3	0

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37	Determination of Magnetic susceptibility of hydrocarbon contaminated soils in Port Harcourt and Bonny Island, Rivers State, Nigeria. Southern Africa Journal of Education Science and Technology, 2020, 5, 93-110.	0.0	0
38	Effects of Annealing on the Structural and Optical Properties of Silver Thin Films. Journal of Applied Sciences and Environmental Management, 2020, 23, 2077.	0.1	0
39	Natural radionuclide and radiological impact assessment of teak plantation, University of Ilorin, Kwara State. IOP Conference Series: Earth and Environmental Science, 2021, 665, 012044.	0.3	0